

JUN 06 2003

Sheet 1 of 5

Form PTQ-1449  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

2879-US

SERIAL NO.

09/835,147

## INFORMATION DISCLOSURE CITATION

## APPLICANT

Charles Maliszewski et al.

FILING DATE

April 13, 2001

GROUP

1644

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
P.M.	5,073,627	12/17/91	Curtis et al.			
1	5,378,601	1/3/95	Gepner-Puszkin			RECEIVED
	5,506,126	4/9/96	Seed et al.			JUN 08 2003
↓	5,798,241	8/25/98	Beaudoin et al			
↓	6,287,837	9/11/01	Beaudoin et al.			TECH CENTER 1600/2900

## FOREIGN PATENT DOCUMENTS

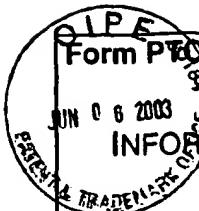
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
P.M.	WO 96/32471	10/17/96	PCT				
1	WO 96/30532	10/3/96	PCT				
	WO 00/23094	4/27/00	PCT				
↓	WO 01/11949	2/22/01	PCT				
↓	EP 0 416 673 A1	3/13/91	EP				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

P.M.	Chadwick, B. P. and Frischauf, A., "The CD39-like gene family: identification of three new human members (CD39L2, CD39L3, and CD39L4), their murine homologues, and a member of the gene family from drosophila melanogaster," <i>Genomics, U.S Academic Press, San Diego</i> Vol. 50(3): 357-367, 1998.
1	Choudhri, T. et al., "Reduced microvascular thrombosis and improved outcome in acute murine stroke by inhibiting GP IIb /IIIa receptor-mediated platelet aggregation," <i>J. Clin. Invest.</i> 102(7): 1301-1310, 1998.
	Colman, R. et al., "Inhibition of collagen-induced platelet activation by 5'-p-fluorosulfonylbenzoyl adenosine: evidence for an adenosine diphosphate requirement and synergistic influence of prostaglandin endoperoxides," <i>Blood</i> 68(2): 565-570, 1986.
↓	Connolly, E. et al., "Cerebral protection in homozygous null ICAM-1 mice after middle cerebral artery occlusion," <i>J. Clin Invest</i> 97(1): 209-216, 1996.

EXAMINER	DATE CONSIDERED
P.M. JZ	3/14/05

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<b>INFORMATION DISCLOSURE CITATION</b>		<b>APPLICANT</b> <b>Charles Maliszewski et al.</b>	
<i>(Use several sheets if necessary)</i>		<b>FILING DATE</b> <b>April 13, 2001</b>	<b>GROUP</b> <b>1644</b>

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO

**OTHER DOCUMENTS** (*Including Author, Title, Date, Pertinent Pages, Etc.*)

PJK		Connolly, E. et al., "Procedural and strain-related variables significantly affect outcome in a murine model of focal cerebral ischemia," <i>Neurosurgery</i> 38(3): 523-532, 1996.
		Cullen, B., "Expression of a cloned human interleukin -2 cDNA is enhanced by the substitution of a heterologous mRNA leader region," <i>DNA</i> 7(9): 645-650, 1988.
		Gayle, R., et al., "Inhibition of platelet function by recombinant soluble ecto-ADPase/CD39," <i>J. Clin. Invest.</i> 101(9): 1851-1859, 1998.
		Handa, M. and Guidotti, G., "Purification and cloning of a soluble ATP-diphosphohydrolase (Apyrase) from potato tubers ( <i>Solanum tuberosum</i> )," <i>Biochem. Biophys. Res. Comm.</i> 218: 916-923, 1996.
		Kaczmarek, E. et al., "Identification and characterization of CD39/vascular ATP diphosphohydrolase," <i>J. Biol. Chem.</i> 271(51): 33116-33122, 1996.

EXAMINER <i>DR. J. J.</i>	DATE CONSIDERED <i>3/14/05</i>
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	2879-US	09/835,147
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	Charles Maliszewski et al.	
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April 13, 2001	1644	

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PNK		Marcus, A. et al., "Inhibition of platelet function by an aspirin-insensitive endothelial cell ADPase," <i>J. Clin. Invest.</i> 88: 1690-1696, 1991.
		Mulero, J. et al., "CD39-L4 is a secreted human apyrase, specific for the hydrolysis of nucleoside diphosphates," <i>J. Biol. Chem.</i> 274(29): 20064-20067, 1999.
		Plesner, L., "Ecto-ATPases: Identities and functions," <i>Int. Rev. Cytol.</i> 158: 141-214, 1995.
		Rector, E. et al., "Detection and characterization of monoclonal antibodies specific to IgE receptors on human lymphocytes by flow cytometry," <i>Immunology</i> 55: 481-488, 1985.
		Ronaghi, M. et al., "A sequencing method based on real-time pyrophosphate," <i>Science</i> 281: 363-365, 1998.
		Schoenborn, M. et al., "Gene structure and chromosome location of mouse Cd39 coding for an ecto-apyrase," <i>Cytogenet Cell Genet</i> 81: 287-289, 1998.

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<p>JUN 06 2003</p> <p>U. S. PATENT &amp; TRADEMARK OFFICE</p>		APPLICANT Charles Maliszewski et al.	
		FILING DATE April 13, 2001	GROUP 1644

## U.S. PATENT DOCUMENTS

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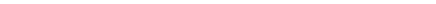
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PNK		<p>Sevigny, J. et al., "Purification of the blood vessel ATP diphosphohydrolase, identification and localisation by immunological techniques," <i>Biochim. Biophys. Acta</i> 1334: 73-88, 1997.</p>
		<p>Sevigny, J. et al., "Purification of pancreas type-I ATP diphosphohydrolase and identification by affinity labelling with the 5'-p- fluorosulphonylbenzoyladenosine ATP analogue," <i>Biochem J.</i> 312: 351-356, 1995.</p>
		<p>Wang, T., and Guidotti, G., "Cd39 is an ecto-(Ca<sup>2+</sup>,Mg<sup>2+</sup>)-apyrase," <i>J. Biol. Chem</i> 271(17): 9898-9901, 1996.</p>
↓		<p>Wang, T., et al., "The transmembrane domains of ectoapyrase (CD39) affect its enzymatic activity and quaternary structure," <i>J. Biol. Chem.</i> 273(38): 24814-24821, 1998.</p>

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